|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Club\_ID | Club\_Name | Average\_Distance(yards) | Loft(degrees) | Head\_weight(grams) |
| 1 | Driver | 250 | 11.5 | 200 |
| 2 | Iron 1 | 95 | 16 | 230 |
| 3 | Iron 2 | 100 | 17 | 244 |
| 4 | Iron 3 | 119 | 19 | 248 |
| 5 | Iron 4 | 126 | 20 | 253 |
| 6 | Iron 5 | 155 | 21 | 256 |
| 7 | Iron 6 | 168 | 25 | 259 |
| 8 | Iron 7 | 187 | 29 | 262 |
| 9 | Iron 8 | 210 | 33 | 271 |
| 10 | Iron 9 | 215 | 38 | 275 |
| 11 | Iron 10 | 225 | 43 | 283 |
| 12 | Pitching wedge | 118 | 47 | 286 |
| 13 | Putter | 20 | 0 | 170 |

**Club**

**Action swing.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Swing\_ID | Club\_Used\_Id | Total\_Carry(yards) | Face\_angle | Launch\_angle | Distance\_from\_hole(yards) | Dynamic\_loft | Spin\_rate | Ball\_speed | Apex | Ball\_Landing\_Area | Face\_to\_path | Angle\_of\_attack | Smash factor | Club head speed | Swing speed | Total distance |
| 1 | 2 | 98 | 16 | 17 | 80 | 16 | 20 | 120 | 133 | 120 |  | **­­­­­-3.0** | **­­­­­-3.0** | **89** | **89** | 80 |
| 2 | 1 | 245 | 11.5 | 11.5 | 250 | 11.5 | 15 | 133 | 120 | 133 |  | -1.3 | -1.3 | 113 | 113 | 250 |
| 3 | 3 | 110 | 19 | 16 | 112 | 19 | 19 | 144 | 144 | 144 |  | -3.1 | -3.1 | 98 | 98 | 112 |
| 4 | 6 | 140 | 26 | 22 | 162 | 18 | 22 | 166 | 155 | 166 |  | -4.1 | -4.1 | 92 | 92 | 162 |
| 5 | 8 | 190 | 30 | 24 | 190 | 21 | 25 | 154 | 162 | 154 |  | -4.5 | -4.5 | 94 | 94 | 190 |
| 6 | 7 | 190 | 24 | 23 | 180 | 24 | 23 | 140 | 128 | 140 |  | -4.3 | -4.3 | 90 | 90 | 180 |
| 7 | 5 | 158 | 20 | 39 | 159 | 26 | 30 | 147 | 134 | 147 |  | -3.7 | -3.7 | 94 | 94 | 159 |
| 8 | 4 | 117 | 16 | 33 | 124 | 32 | 28 | 139 | 157 | 139 |  | -3.4 | -3.4 | 96 | 96 | 124 |
| 9 | 10 | 205 | 40 | 25 | 218 | 22 | 33 | 169 | 160 | 169 |  | -4.7 | -4.7 | 85 | 85 | 218 |
| 10 | 11 | 221 | 45 | 19 | 224 | 17 | 42 | 171 | 162 | 171 |  | -4.9 | -4.9 | 90 | 90 | 224 |
| 11 | 12 | 95 | 46 | 47 | 110 | 47 | 50 | 155 | 120 | 155 |  | -5.0 | -5.0 | 83 | 83 | 110 |
| 12 | 13 | 16 | 0 | 0 | 18 | 0 | 0 | 152 | 121 | 152 |  | -4.3 | -4.3 | 0 | 0 | 18 |
| 13 | 2 | 138 | 16 | 16 | 99 | 42 | 10 | 131 | 133 | 131 |  | -3.9 | -3.9 | 88 | 88 | 99 |
| 14 | 4 | 123 | 17 | 31 | 122 | 40 | 39 | 171 | 165 | 171 |  | -3.2 | -3.2 | 89 | 89 | 122 |
| 15 | 7 | 148 | 28 | 40 | 171 | 39 | 48 | 170 | 145 | 170 |  | -4.0 | -4.0 | 92 | 92 | 171 |
| 16 | 6 | 199 | 23 | 28 | 166 | 35 | 25 | 169 | 139 | 169 |  | -4.2 | -4.2 | 97 | 97 | 166 |
| 17 | 10 | 217 | 42 | 20 | 221 | 30 | 52 | 158 | 155 | 158 |  | -4.4 | -4.4 | 89 | 89 | 221 |
| 18 | 9 | 203 | 35 | 22 | 214 | 22 | 30 | 143 | 169 | 143 |  | -4.6 | -4.6 | 86 | 86 | 214 |
| 20 | 8 | 189 | 30 | 26 | 201 | 17 | 29 | 149 | 166 | 149 |  | -4.9 | -4.9 | 94 | 94 | 201 |
| 21 | 3 | 112 | 15 | 33 | 118 | 33 | 31 | 156 | 158 | 156 |  | -3.8 | -3.8 | 80 | 80 | 118 |
| 22 | 11 | 99 | 45 | 43 | 223 | 37 | 55 | 169 | 153 | 169 |  | -3.6 | -3.6 | 90 | 90 | 223 |
| 23 | 5 | 143 | 20 | 20 | 136 | 29 | 21 | 160 | 139 | 160 |  | -3.3 | -3.3 | 93 | 93 | 136 |

**Action Foul**

|  |  |  |
| --- | --- | --- |
| **Action foul id** | **Foul type** | **Action swing id** |
| **0** | **Out of bound** | **5** |
| **1** | **Ball in water hazard** | **3** |
| **2** | **Ball moved after address** | **6** |
| **3** | **Picking up the ball** | **10** |
| **4** | **Playing out of turn** | **1** |